

WHAT IS CLAIMED IS:

1. An image processing apparatus capable of communicating with a management server, comprising:

an image data input unit inputting image data;

5 an authentication information input unit inputting authentication information necessary for authenticating a user;

an authentication information transmitter transmitting said input authentication information to said management server;

10 a process content information receiver receiving from said management server, in response to the transmission of said authentication information, process content information for specifying a process content that is registered in association with said user among process contents executed by said management server;

15 a specification accept unit accepting specification of said received process content information; and

an instruction transmitter transmitting said specified process content information and said input image data to said management server.

2. The image processing apparatus according to claim 1, further comprising

a display unit displaying said received process content information.

3. The image processing apparatus according to claim 2, wherein said display unit includes

5 a title display unit displaying a title included in said process content information, and

a detail information display unit displaying, in response to specification of said displayed title, detail information included in said process content information.

4. The image processing apparatus according to claim 1, wherein said image processing apparatus is capable of communicating with a plurality of management servers through a network, and further comprises a management server selector selecting one of said plurality of

5       management servers.

5. The image processing apparatus according to claim 4, further comprising

a detector detecting each of said plurality of management servers.

6. The image processing apparatus according to claim 5, wherein said detector includes

a send unit sending a search request to said network for detecting said plurality of management servers, and

5       a response receiver receiving a response to said search request.

7. The image processing apparatus according to claim 1, wherein said process content includes at least one of: a transmission process for transmitting said image data to other computer; a recording process for recording said image data in a recording medium; and an image process.

8. The image processing apparatus according to claim 7, wherein said transmission process includes a transmission through an e-mail.

9. The image processing apparatus according to claim 7, wherein said transmission process includes a file transfer process.

10. The image processing apparatus according to claim 7, wherein said recording process stores said image data in a database.

11. The image processing apparatus according to claim 7, wherein said image process is at least one process selected from: a tilt correction process; a noise elimination process; a color matching process; and a direction correction process in which direction of an image is determined and the image is rotated for correction.

5       12. The image processing apparatus according to claim 1, wherein said process content includes an image process to said image data, said image processing apparatus further comprising:

5            a processed image data receiver receiving a processed image data  
that has been executed the image process from said management server;  
and

an output unit outputting said received processed image data.

13. The image processing apparatus according to claim 12, wherein  
said output unit is an image forming apparatus forming an image in  
a recording medium.

14. A management server capable of communicating with an image  
processing apparatus, comprising:

5            a process content table store unit storing a process content table  
associating identification information for identifying a user with a process  
content;

an authentication information receiver receiving authentication  
information necessary for authenticating the user from said image  
processing apparatus;

10          an authentication unit determining if said received authentication  
information is true or not;

a process content information transmitter extracting, when said  
received authentication information is determined to be true by said  
authentication unit, a process content stored in said process content table  
in association with identification information included in said  
15          authentication information, and transmitting process content information  
for specifying said extracted process content to said image processing  
apparatus; and

20          a processing execute unit executing, when receiving image data and  
said process content information from said image processing apparatus in  
response to the transmission of said process content information, a process  
to said received image data in accordance with the process content specified  
by said received process content information.

15. The management server according to claim 14, wherein  
said management server is capable of communicating with a  
plurality of image processing apparatuses through a network, and further

comprises

5        a response transmitter transmitting, in response to receipt of a search request transmitted from each of said plurality of image processing apparatuses, a response to said search request to the image processing apparatus that has transmitted said search request.

16. The management server according to claim 14, wherein said process content includes a transmission process transmitting said image data to other computer.

17. The management server according to claim 16, wherein said transmission process includes a transmission through an e-mail.

18. The management server according to claim 16, wherein said transmission process includes a file transfer process.

19. The management server according to claim 14, wherein said process content includes a recording process recording said image data in a recording medium.

20. The management server according to claim 14, wherein said process content includes an image process.

21. The management server according to claim 20, wherein said image process is at least one process selected from: a tilt correction process; a noise elimination process; a color matching process; and a direction correction process in which direction of an image is determined and the image is rotated for correction.

5        22. An image processing program product executed by an image processing apparatus capable of communicating with a management server, causing said image processing apparatus to execute the steps of:  
            inputting image data;  
            inputting authentication information necessary for authenticating a user;

- transmitting said input authentication information to said management server;
- 10       in response to the transmission of said authentication information, receiving from said management server process content information for specifying a process content registered in association with said user among process contents executed by said management server;
- 15       accepting specification of said received process content information; and
- transmitting said specified process content information and said input image data to said management server.

23. An information processing program product executed by a management server capable of communicating with an image processing apparatus and including a process content table store unit storing a process content table associating identification information for identifying a user with a process content, causing said management server to execute the steps of:
- 5       receiving authentication information necessary for authenticating the user;
- 10       determining if said received authentication information is true or not;
- 15       when said received authentication information is determined to be true, extracting a process content stored in said process content table in association with identification information included in said authentication information and transmitting process content information for specifying said extracted process content to said image processing apparatus; and
- 20       when image data and said process content information are received from said image processing apparatus in response to the transmission of said process content information, executing a process to said received image data in accordance with a process content specified by said received process content information.